



3-30-09

PART B -FEE(S) TRANSMITTAL

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CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

21874 7590 12/29/2008
EDWARDS ANGELL PALMER & DODGE LLP
P.O. Box 55874
Boston, Massachusetts 02205

03/31/2009 HUUONG2 00000046 041105 10562080

01 FC:1501 1510.00 DA
02 FC:1504 300.00 DA

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I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service to Addressee's service under 37 CFR 1.10 (Express Mail Label No. EM 258538814 US) and is addressed to the Mail Stop ISSUE FEE, Commissioner for Patent P.O. Box 1450 Alexandria, VA 22313-1450.

Kathryn Grindrod

(Depositor's name)

Kathryn Grindrod

(Signature)

March 26, 2009

(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/562,080	12/22/2005	Haruhiko Deguchi	64702(70904)	9653

TITLE OF INVENTION: NOZZLE PLATE AND METHOD OF MANUFACTURING THE SAME

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
non-Provisional	No	\$1,510.00	\$300.00	\$1,810.00	03/30/2009

EXAMINER	ART UNIT	CLASS-SUBCLASS
Stephens, Juanita Dionne	2853	347-048000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).	2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.	1 <u>Edwards Angell Palmer & Dodge LLP</u>
<input type="checkbox"/> Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.		2 <u>David G. Conlin</u>
<input type="checkbox"/> "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached.		3 <u>David A. Tucker</u>
Use of a Customer Number is required.		

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

Sharp Kabushiki Kaisha

Osaka, Japan

Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government

4a. The following fee(s) are enclosed:

Issue Fee
 Publication Fee (No small entity discount permitted)
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 The Director is hereby authorized to charge the required fee(s), or credit any overpayment, to
 Deposit Account Number 04-1105

5. Change in Entity Status (from status indicated above)

a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

David A. Tucker

Date

March 26, 2009

Typed or printed name

David A. Tucker

Registration No.

27,840

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Kathryn Grindrod	(Depositor's name)
<i>Kathryn Grindrod</i>	(Signature)
March 26, 2009	(Date)

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Stephens, Juanita Dionne		2853	347-048000		

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 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Edwards Angell Palmer & Dodge LLP
 2 David G. Conlin
 3 David A. Tucker

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(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Sharp Kabushiki Kaisha

Osaka, Japan

Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government

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Authorized Signature

David A. Tucker

Date

March 26, 2009

Typed or printed name

David A. Tucker

Registration No.

27,840

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015-14923
MAR 26 2009
PATENT & TRADEMARK OFFICE

Effective on 12/08/2004.
Fee Pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL
For FY 2009

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 1,810.00)

Complete if Known	
Application Number	10/562,080-Conf. #9653
Filing Date	December 22, 2005
First Named Inventor	Haruhiko Deguchi et al.
Examiner Name	Stephens, Juanita Dionne
Art Unit	2853
Attorney Docket No.	64702(70904)

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order None Other (please identify): _____
 Deposit Account Deposit Account Number: 04-1105 Deposit Account Name: Edwards Angell Palmer & Dodge LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

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 Charge any additional fee(s) or underpayments of Credit any overpayments
 fee(s) under 37 CFR 1.16 and 1.17

FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

<u>Application Type</u>	<u>FILING FEES</u>		<u>SEARCH FEES</u>		<u>EXAMINATION FEES</u>		
	<u>Fee (\$)</u>	<u>Small Entity</u> <u>Fee (\$)</u>	<u>Fee (\$)</u>	<u>Small Entity</u> <u>Fee (\$)</u>	<u>Fee (\$)</u>	<u>Small Entity</u> <u>Fee (\$)</u>	<u>Fees Paid (\$)</u>
Utility	330	165	540	270	220	110	
Design	220	110	100	50	140	70	
Plant	220	110	330	165	170	85	
Reissue	330	165	540	270	650	325	
Provisional	220	110	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description

Each claim over 20 (including Reissues)

Small Entity
Fee (\$) Fee (\$)

52 26

Each independent claim over 3 (including Reissues)

220 110

Multiple dependent claims

390 195

<u>Total Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>	<u>Multiple Dependent Claims</u>
- 53 or HP	x	=		<u>Fee (\$)</u> <u>Fee Paid (\$)</u>

HP = highest number of total claims paid for, if greater than 20.

<u>Indep. Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
- 7 or HP =	x	=	

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$270 (\$135 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

<u>Total Sheets</u>	<u>Extra Sheets</u>	<u>Number of each additional 50 or fraction thereof</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
- 100 =	/50 =	(round up to a whole number) x	=	

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Fees Paid (\$)

Other (e.g., late filing surcharge): 1501 Utility issue fee 1,510.00
 1504 Publication fee for early, voluntary, or normal ... 300.00

SUBMITTED BY				
Signature	<i>David A. Tucker</i>	Registration No. (Attorney/Agent)	27,840	Telephone (617) 517-5508
Name (Print/Type)	David A. Tucker		Date	March 26, 2009



COPY

PTO/SB/17 (10-08)

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<p>Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).</p> <p>FEE TRANSMITTAL For FY 2009</p>		Complete if Known	
		Application Number	10/562,080-Conf. #9653
		Filing Date	December 22, 2005
		First Named Inventor	Haruhiko Deguchi et al.
		Examiner Name	Stephens, Juanita Dionne
		Art Unit	2853
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		TOTAL AMOUNT OF PAYMENT (\$ 1,810.00)	
		Attorney Docket No.	64702(70904)

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order None Other (please identify): _____
 Deposit Account Deposit Account Number: 04-1105 Deposit Account Name: Edwards Angell Palmer & Dodge LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee
 Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 Credit any overpayments

FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fees Paid (\$)
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1504 Publication fee for early, voluntary, or normal ...	300.00

SUBMITTED BY					
Signature	<i>David A. Tucker</i>	Registration No. (Attorney/Agent)	27,840	Telephone	(617) 517-5508
Name (Print/Type)	David A. Tucker		Date	March 26, 2009	